

1FW 2633

PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

15

Application Number 10/008,463

Filing Date November 9, 2001

First Named Inventor Neff, et al.

Art Unit 2633

Examiner Name Dalzid E. Singh

Attorney Docket Number 71703/7293

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (2 pgs.) <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs.)	<input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Form PTO-1449 (10 pgs.); 2) (10) Foreign Patent Documents; 3) (42) Non-patent Literature Documents; 4) Return Receipt Postcard.
<input type="checkbox"/> Certified Copy of Priority Document(s)	<b>Remarks</b>	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Customer No. 22242	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Fitch, Even, Tabin & Flannery		
Signature			
Printed name	Kurt M. Eaton		
Date	July 26, 2005	Reg. No.	51,640

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Kurt M. Eaton	Date	July 26, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated/Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL  
FOR FY 2005**

Express Mail Label No.

☒ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$180.00)**Complete if Known**

Application Number	10/008,463
Filing Date	November 9, 2001
First Named Inventor	Neff, et al.
Examiner Name	Dalzd E. Singh
Art Unit	2633
Attorney Docket No.	71703/7293

**METHOD OF PAYMENT (Check all that apply)**

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: 06-1135 Deposit Account Name: Fitch, Even, Tabin & Flannery  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge Fee(s) indicated below ☐ Charge Fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.**FEE CALCULATION****1. BASIC FILING FEE, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims Extra Claims Fee(\$)** **Fee Paid (\$)** **Multiple Dependent Claims**

\_\_\_\_\_ -20 or HP = \_\_\_\_\_ X \$50 = \$0.00 **Fee (\$)** **Fee Paid (\$)**  
 HP = highest number of total claims paid for, if greater than 20 \$360 \$0.00

**Indep. Claims Extra Claims Fee(\$)** **Fee Paid (\$)**

\_\_\_\_\_ -3 or HP = \_\_\_\_\_ X \$200 = \$0.00

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity)

For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ -100= _____	/50= _____	(round up to a whole number) X	\$250	= \$0.00

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fee Paid (\$)

\$0.00

Other: Submission of an Information Disclosure Statement (Fee Code: 1806; 37 CFR 1.17(p))

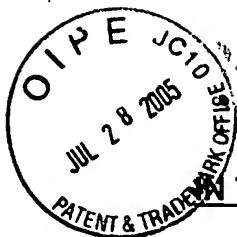
\$180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	51,640	Telephone	(858)552-1311
Name (Print/Type)	Kurt M. Eaton			Date	July 26, 2005

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-900-PTO-9199 (1-800-786-9199) and select option 2.



Docket No. 71703/7293

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Neff, et al.  
Application No.: 10/008,463  
Filed: November 9, 2001  
For: FREE-SPACE OPTICAL  
COMMUNICATION SYSTEM  
Group Art Unit: 2633  
Examiner: Dalzid E. Singh

07/29/2005 SSITHIB1 00000031 061135 10008463  
01 FC:1806 180.00 DA

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on this date:

July 26, 2005

Date

  
Kurt M. Eaton  
Registration No. 51,640  
Patent Agent for Applicants

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted:

\_\_\_\_\_ under 37 CFR §1.97(b) (within three months of the filing date of a national application or date of entry of an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last).

X under 37 CFR §1.97(c) together with either:

\_\_\_\_\_ a statement under 37 CFR §1.97(e), or

X a \$180 fee under 37 CFR §1.17(p)

(after the 37 CFR §1.97(b) time period, but before the mailing date of a final Action, a Notice of Allowance, or an action that otherwise closes prosecution).

IDS

Application No. 10/008,463

Page 2

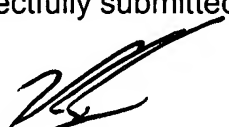
\_\_\_\_\_ under 37 CFR §1.97(d) together with:  
\_\_\_\_\_ a statement under 37 CFR §1.97(e), and  
\_\_\_\_\_ a \$180 fee under 37 CFR §1.17(p)  
(after the 37 CFR §1.97(c) time period, but on or before payment of  
the issue fee).

In accordance with the duty of disclosure imposed by 37 CFR § 1.56 to inform the Patent Office of all patents, publications, applications and other information known by Applicants or Applicants' representative that may be material to the examination of the subject application, Applicants' representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 CFR §§ 1.97-1.98 and includes Form PTO-1449 with one-hundred sixty-four (164) references listed as items AA-GH.

It is requested that the information provided herein be made of record in this application.

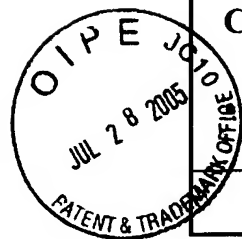
Respectfully submitted,

Dated: July 26, 2005

  
\_\_\_\_\_  
Kurt M. Eaton  
Patent Agent for Applicants  
Reg. No. 51,640  
(858) 552-1311

**Address all Correspondence to:**  
FITCH, EVEN, TABIN & FLANNERY  
120 So. LaSalle Street  
Suite 1600  
Chicago, IL 60603  
(858) 552-1311

Form PTO-1449 (Modified)  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
	Filing Date	November 9, 2001
	First Named Inventor	Neff, et al.
	Group Art Unit	2633
	Examiner Name	Dalzyd E. Singh
Sheet 1 of 10		Attorney Docket No. 71703/7293



U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(a)(2)(ii)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	AA	x	09/823,175		Willebrand et al.	03-15-2005			
	AB	x	3488586		Watrous et al.	01-06-1970			
	AC	x	3967899		O'Meara	07-06-1976			
	AD	x	4060769		Mallozzi et al.	11-29-1977			
	AE	x	4330870		Arends	05-18-1982			
	AF	x	4428647		Sprague et al.	01-31-1984			
	AG	x	4630254		Tseng	12-16-1986			
	AH	x	4639586		Fender et al.	01-27-1987			
	AI	x	4689482		Horikawa et al.	08-25-1987			
	AJ	x	4717913		Elger	01-05-1988			
	AK	x	4757268		Abrams et al.	07-12-1988			
	AL	x	4761059		Yeh et al.	08-02-1988			
	AM	x	4773063		Hunsperger	09-20-1988			
	AN	x	4794345		Linford et al.	12-27-1988			
	AO	x	4807222		Amitay	02-21-1989			
	AP	x	4823357		Casey	04-18-1989			
	AQ	x	4826269		Streifer et al.	05-02-1989			
	AR	x	4904993		Sato	02-27-1990			
	AS	x	4916460		Powell	04-10-1990			
	AT	x	4922502		Unterrahrer et al.	05-01-1990			

Form PTO-1449 (Modified)  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
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	First Named Inventor	Neff, et al.
	Group Art Unit	2633
	Examiner Name	Dalzyd E. Singh
Sheet 2 of 10		Attorney Docket No. 71703/7293

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(a)(2)(ii)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	AU	x	4932775		Wissman et al.	06-12-1990			
	AV	x	4975926		Knapp	12-04-1990			
	AW	x	5005937		Aida et al.	04-09-1991			
	AX	x	5019768		Criswell et al.	05-28-1991			
	AY	x	5034997		Iwasaki	07-23-1991			
	AZ	x	5068916		Harrison et al.	11-26-1991			
	BA	x	5083874		Aida et al.	01-28-1992			
	BB	x	5142400		Solinsky	08-25-1992			
	BC	x	5185758		Fan et al.	02-09-1993			
	BD	x	5185814		Healey	02-09-1993			
	BE	x	5200631		Austin et al.	04-06-1993			
	BF	x	5210631		Huber et al.	05-11-1993			
	BG	x	5218356		Knapp	06-08-1993			
	BH	x	5218467		Ross et al.	06-08-1993			
	BI	x	5221983		Wagner	06-22-1993			
	BJ	x	5223781		Criswell et al.	06-29-93			
	BK	x	5227906		Tokumitsu	07-13-1993			
	BL	x	5247381		Olmstead et al.	09-21-1993			
	BM	x	5267010		Kremer et al.	11-30-1993			
	BN	x	5280184		Jokerst, et al.	01-18-1994			
	BO	x	5301054		Huber et al.	04-05-1994			

<b>Form PTO-1449 (Modified)</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
	Filing Date	November 9, 2001
	First Named Inventor	Neff, et al.
	Group Art Unit	2633
	Examiner Name	Dalzyd E. Singh
<b>Sheet 3 of 10</b>		Attorney Docket No. 71703/7293

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(a)(2)(ii)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	BP	x	5311535		Karpinski	05-10-1994			
	BQ	x	5321718		Waarts, et al.	06-14-1994			
	BR	x	5329576		Handforth	07-12-1994			
	BS	x	5331449		Huber et al.	07-19-1994			
	BT	x	5353294		Shigeno	10-04-1994			
	BU	x	5359446		Johnson et al.	10-25-1994			
	BV	x	5371734		Fischer	12-06-1994			
	BW	x	5377219		Geiger	12-27-1994			
	BX	x	5384652		Allen et al.	01-24-1995			
	BY	x	5394489		Koch	02-28-1995			
	BZ	x	5400166		Huber	03-21-1995			
	CA	x	5410147		Riza et al.	04-25-1995			
	CB	x	5416861		Koh, et al.	05-16-1995			
	CC	x	5416864		Cassidy et al.	05-16-1995			
	CD	x	5443227		Hsu	08-22-1995			
	CE	x	5452124		Baker	09-19-1995			
	CF	x	5457561		Taneya et al.	10-10-1995			
	CG	x	5457562		Tremblay	10-10-1995			
	CH	x	5465170		Arimoto	11-07-1995			
	CI	x	5475520		Wissinger	12-12-1995			
	CJ	x	5949563		Takada	09-07-1999			

<b>Form PTO-1449 (Modified)</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
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	First Named Inventor	Neff, et al.
	Group Art Unit	2633
	Examiner Name	Dalzid E. Singh
<b>Sheet 4 of 10</b>		Attorney Docket No. 71703/7293

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(a)(2)(ii)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	CK	x	5949564		Wake	09-07-1999			
	CL	x	5966229		Dodley et al.	10-12-1999			
	CM	x	5978118		Flaherty	11-02-1999			
	CN	x	5983068		Tomich et al.	11-09-1999			
	CO	x	5995253		Flaherty	11-30-1999			
	CP	x	6014236		Flaherty	01-11-2000			
	CQ	x	6016212		Durant et al.	01-18-2000			
	CR	x	6043918		Bozzay et al.	03-28-2000			
	CS	x	6049593		Acampora	04-11-2000			
	CT	x	6104513		Bloom	08-15-2000			
	CU	x	6115157		Barnard, et al.	09-05-2000			
	CV	x	6122084		Britz et al.	09-19-2000			
	CW	x	6141128		Korevaar, et al.	10-31-2000			
	CX	x	6219363		Fix et al.	04-17-2001			
	CY	x	6259552		Botti et al.	07-10-2001			
	CZ	x	6268944		Szapiel	07-31-2001			
	DA	x	6272271		Wojnarowski, et al.	08-07-2001			
	DB	x	6285481		Palmer	09-04-2001			
	DC	x	6288813		Kirkpatrick, et al.	09-11-2001			
	DD	x	6301037		Fischer, et al.	10-09-2001			



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	First Named Inventor	Neff, et al.
	Group Art Unit	2633
	Examiner Name	Dalzyd E. Singh
<b>Sheet 5 of 10</b>		Attorney Docket No. 71703/7293

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(a)(2)(ii)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	DE	x	6323980		Bloom	11-27-2001			
	DF	x	6330104		Kim et al.	12-11-2001			
	DG	x	6347174		Onishi et al.	02-12-2002			
	DH	x	6348986		Doucet, et al.	02-19-2002			
	DI	x	6396612		Bjorndahl	05-28-2002			
	DJ	x	6398425		Williams, et al.	06-04-2002			
	DK	x	6411414		Abate, et al.	06-25-2002			
	DL	x	6452700		Mays, Jr.	09-17-2002			
	DM	x	6462847		Willebrand	10-08-2002			
	DN	x	6493121		Althaus	12-10-2002			
	DO	x	6509992		Goodwill	01-21-2003			
	DP	x	6532087		Ransford et al.	03-11-2003			
	DQ	x	6583904		Mahlab et al.	06-24-2003			
	DR	x	6798795		Yoo	09-28-2004			
	DS	x	09/482,782		Willebrand et al.	07-13-2004			
	DT	x	09/849,613		Willebrand et al.	03-15-2005			
	DU	x	2002/0005972		Bloom, et al.	01-17-2002			
	DV	x	2002/0012139		Willebrand, et al.	01-31-2002			
	DW	x	2002/0048066		Antoniados et al.	04-25-2002			

<b>Form PTO-1449 (Modified)</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
	Filing Date	November 9, 2001
	First Named Inventor	Neff, et al.
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	Examiner Name	Dalzid E. Singh
<b>Sheet 6 of 10</b>		Attorney Docket No. 71703/7293

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(a)(2)(ii)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
	DX	x	2002/0051269		Margalit et al.	05-02-2002			
	DY	x	2002/0054411		Heminger et al.	05-09-2002			
	DZ	x	2002/0054413		Shivnan	05-09-2002			
	EA	x	2002/0075542		Kumar et al.	06-20-2002			
	EB	x	2002/0122230		Izadpanah, et al.	09-05-2002			
	EC	x	2002/0122232		Doucet, et al.	09-05-2002			
	ED	x	2002/0141020		Doucet, et al.	10-03-2002			
	EE	x	2002/0149811		Willebrand	05-03-2005			
	EF	x	2002/0167697		Willebrand	11-14-2002			
	EG	x	2002/0171896		Clark, et al.	11-21-2002			
	EH	x	RE35736		Powell	02-24-1998			

FOREIGN PATENT DOCUMENTS										
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	FOREIGN PATENT DOCUMENT			DATE OF PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	TRANSLATION	
			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)				YES	NO
	EI		GB	2 228 385	A	8/22/1990			X	
	EJ		DE	4433896	C	9/11/1995			X	
	EK		EP	0 378 148	B1	4/10/1996			X	
	EL		EP	0 513 993	A2	11/19/1992			X	
	EM		GB	2 221 810	A	2/14/1990			X	

<b>Form PTO-1449 (Modified)</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
	Filing Date	November 9, 2001
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	Group Art Unit	2633
	Examiner Name	Dalzyd E. Singh
<b>Sheet 7 of 10</b>		Attorney Docket No. 71703/7293

FOREIGN PATENT DOCUMENTS										
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	FOREIGN PATENT DOCUMENT			DATE OF PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	TRANSLATION	
			COUNTRY OR OFFICE (two-letter code)	DOCUMENT NO.	KIND CODE (if known)				YES	NO
	EN		GB	2 257 321	A	1/6/1993			X	
	EO		JP	S63-215125		7/7/1988			X	
	EP		WO	00/08783		2/17/2000			X	
	EQ		WO	01/52450	A2	7/19/2001			X	
	ER		WO	98/32250		7/23/1998			X	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
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	ES		A. BELMONTE, et al.; "Performance of a Multiple-Aperture Optical System"; Society of Photo-Optical Instrumentation Engineers, vol. 2699; 1996; pp. 316-326.
	ET		A. LOURI et al.; "Feasibility Study for a Scalable Optical Interconnection Network for Massively Parallel Processing Systems"; Applied Optics, Vol. 35, No. 8; pp. 1296-1308 (March 10, 1996).
	EU		A. S. ACAMPORA; "A Multichannel Multihop Local Lightwave Network"; GLOBECOM '87; IEEE; pp. 1459-1467, (1987).
	EV		A. S. ACAMPORA; "The Scalable Lightwave Network"; IEEE Communications Magazine; pp. 36-42 (December 1994).
	EW		C. BRACKETT et al; "A Scalable Multiwavelength Multihop Optical Network: A Proposal for Research on All-Optical Networks"; Journal of Lightwave Technology, Vol. 11, No. 5/6; pp. 736-753, (May/June 1993).
	EX		C. M. STICKLEY et al.; Demonstration of an Adaptive, Coherent-Combining Laser Radar Receiver; 18.sup.th International Laser Radar Conference; 1996; pp. 247-250.
	EY		CHURNSIDE, James H.; Aperture Averaging Of Optical Scintillations in the Turbulent Atmosphere; Applied Optics; May 20, 1991; pp. 1982-1994; Vol. 30, No. 15
	EZ		D. L. FRIED; "Aperture Averaging of Scintillation"; Journal of the Optical Society of America, Vol. 57, No. 2; pp. 169-175 (February 1967).
	FA		E. KOREVAAR et al.; "Design of Satellite Terminal for BMDO Lasercom Technology Demonstration"; Society of Photo-Optical Instrumentation Engineers, Vol. 2381; pp. 60-71 (February 7-8, 1995).

<b>Form PTO-1449 (Modified)</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Application No.	10/008,463
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	Group Art Unit	2633
	Examiner Name	Dalzyd E. Singh
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	FB		E. KOREVAAR et al; "Status of BMDO/IST Lasercom Advanced Technology Demonstration"; Society of Photo-Optical Instrumentation Engineers, Vol. 2123; pp. 96-107 (1994).
	FC		E. KOREVAAR et al; "Status of SDIO/IS&T Lasercom Testbed Program"; Society of Photo-Optical Instrumentation Engineers, Vol. 1866; pp. 116-127 (January 20-21, 1993).
	FD		F. G. OMENETTO et al.; "Shaping, Propagation and Characterization of Ultrafast Pulses in Optical Fibers"; Applied Physics B, Lasers and Optics; pp. 1-6; (2000).
	FE		G. NYKOLAK et al.; "Update on 4x2.5 Gb/s, 4.4km Free-Space Optical Communications Link: Availability and Scintillation Performance"; Part of the SPIE Conference on Optical Wireless Communications II; SPIE; Vol. 3850; pp. 11-19 (September 1999).
	FF		G. NYKOLAK et al.; "A 40 Gb/s DWDM Free Space Optical Transmission Link Over 4.4 km"; Free Space Laser Communication Technologies XII; Proceedings of SPIE; Vol. 3932, pp. 16-20; (2000).
	FG		J. GRAVES et al.; "Advancing Free-Space Optical Communications With Adaptive Optics"; Lightwave; Sep. 2002; pp. 105, 106 and 113.
	FH		GUILFOYLE et al.; "Free-Space Interconnects for High-Performance Optoelectronic Switching"; Computer; IEEE; pp. 69-75; (February 1998).
	FI		HAND, A. J.; "Laser Communications Comes out of the Fog"; Photonics Technology World; Photonics Spectra; <a href="http://www.photonics.com/spectra/tech/XQ/ASP/techid.588/QX/read.htm">http://www.photonics.com/spectra/tech/XQ/ASP/techid.588/QX/read.htm</a> ; May 1999; 2 pages.
	FJ		Hungarian Patent Office, Search Report for Hungarian National Phase of PCT/US00/35198, which claims priority to U.S. App. 09/482,782; dated Jan. 15, 2003; pp. 1-3.
	FK		I. I. KIM et al.; Scintillation Reduction Using Multiple Transmitters; Society of Photo-Optical Instrumentation Engineers, vol. 2990; 1997; pp. 102-113.
	FL		J. SCHUSTER et al.; "Optomechanical Design of STRV-2 Lasercom Transceiver Using Novel Azimuth/Slant Gimbal"; Society of Photo-Optical Instrumentation Engineers, Vol. 2699; pp. 227-239 (January 30-31, 1996).
	FM		J. SHAMIR et al.; "Diversity Methods for Fading Control"; Applied Optics; vol. 27, No. 8; Apr. 15, 1988; pp. 1389-1391.
	FN		K. E. WILSON et al.; "Preliminary Results of the Ground/Orbiter Lasercomm Demonstration Experiment between Table Mountain and the ETS-VI Satellite", Society of Photo-Optical Instrumentation Engineers, Vol. 2699; pp. 121-132 (1996).
	FO		K. H. KUDIELKA et al.; "Experimental Verification of an Adaptive Optical Multi-Aperature Receive Antenna for Laser Space Communications"; Society of Photo-Optical Instrumentation Engineers, vol. 2123; 1994; pp. 478-486.

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	FP		K. KIMURA et al.; "Global Satellite Communication Network using Double-Layered Inclined Orbit Constellation with Optical Inter-Satellite Links"; ATR Optical and Radio Communications Research Laboratories, Kyoto, Japan; SPIE; vol. 2699; 1996; pp. 12-23.
	FQ		K. KIMURA et al.; "Satellite Constellation of Low Earth Orbit (LEO) Satellite Global Communication Network using Optical Inter-Satellite Links"; ATR Optical and Radio Communications Research Laboratories, Kyoto, Japan; SPIE; vol. 2381; 1995; pp. 48-59.
	FR		KUBE; "Renaissance Eines Alten Konzepts"; Nachrichten Elektronik und Telematick; Vol. 49; No. 5; May 1995; pp. 15, 16 and 18. (English translation provided.)
	FS		Lightpointe Communications, Inc.; "Complex Networking Connectivity Example: Allianz Insurance."; p. 1; (1995).
	FT		NASA Jet Propulsion Laboratory; "Multiple-Beam Transmission for Optical Communication"; <a href="http://www.nasatech.com/Briefs/Nov98/NPO20384.html">http://www.nasatech.com/Briefs/Nov98/NPO20384.html</a> ; Oct. 26, 2001; pp.1-2.
	FU		"OPTICAL LINKS: Network Connection Directly Through the Atmosphere"; Communication by Light (CBL); Mar. 1995; 8 pages.
	FV		P. F. SZAJOWSKI et al.; "Key Elements of High-Speed WDM Terrestrial Free-Space Optical Communications Systems"; Free-Space Laser Communication Technologies XII; Proceedings of SPIE; Vol. 3932, pp. 2-14; (2000).
	FW		P. F. SZAJOWSKI et al.; "High Power Optical Amplifiers Enable 1550 nm Terrestrial Free-Space Optical Data-Links Operating @ WDM 2.5 Gb/s Data Rates"; Part of the SPIE Conference on Optical Wireless Communications II; SPIE; Vol. 3850; pp. 2-10; (September 1999).
	FX		PCT International Search Authority; "Notification of Transmittal of the International Search Report"; "PCT International Search Report" for International Application No. PCT/US02/10075 which claims priority to U.S. Application No. 09/835,866; mailed Jul. 30, 2002; (4 pages).
	FY		PCT International Search Authority; "Notification of Transmittal of the International Search Report"; "PCT International Search Report" for International Application No. PCT/US00/35198 which corresponds to U.S. Application No. 09/482,782; mailed Feb. 6, 2002; (7 pages).
	FZ		PCT International Preliminary Examining Authority; "Notification of Transmittal of the International Preliminary Examination Report"; "PCT International Preliminary Examination Report" for International Application No. PCT/US00/35198 which corresponds to U.S. Application No. 09/482,782; mailed Apr. 29, 2002; (13 pages).
	GA		PCT International Search Authority; "Notification of Transmittal of the International Search Report" and "International Search Report" for International Application No. PCT/US01/14547 which corresponds to U.S. Appl. No. 09/849,613; mailed Apr. 3, 2003; (7 pages).

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	GB		PCT International Preliminary Examining Authority; "Notification of Transmittal of the International Preliminary Examination Report"; "PCT International Preliminary Examination Report" for International Application No. PCT/US01/14547 which corresponds to U.S. Appl. No. 09/849,613; mailed Dec. 5, 2003; (6 pages).
	GC		PCT International Bureau; "PCT International Search Report" for International Application No. PCT/US02/13473 which corresponds to U.S. Application No. 09/834,093; mailed Jul. 10, 2002; (4 pages).
	GD		R. PAIELLA et al.; "Generation and Detection of High-Speed Pulses of Mid-Infrared Radiation with Intersubband Semiconductor Lasers and Detectors"; IEEE Transactions on Photonics Technology Letters; Vol. 12, No. 7; pp. 780-782; (July 2000).
	GE		S. SCHILLER et al.; "Theory of an Optical Parametric Oscillator with Resonant Pump and Signal"; J. Optical Society of America; Vol. 16, No. 9; pp. 1512-1524; (September 1999).
	GF		S. HOLLUNG et al.; A Bi-Directional Quasi-Optical Lens Amplifier; IEEE Transactions on Microwave Theory and Techniques; vol. 45, No. 12; Dec. 1997; pp. 2352-2357.
	GG		W. M. BRUNO et al.; "Diode Laser Spatial Diversity Transmitter"; Society of Photo-Optical Instrumentation Engineers, Vol. 1044; pp. 187-194 (1989).
	GH		Y. YASHKIR et al.; "Passively Q-Switched 1.5 -μm Intracavity Optical Parametric Oscillator"; Applied Optics, Vol. 38, No. 12; pp. 2554-2559; (April 1999).

Examiner Signature		Date Considered	
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